

OIEP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/955,807

DATE: 10/04/2001

TIME: 17:28:25

Input Set : A:\98-17C1.txt

Output Set: N:\CRF3\10042001\I955807.raw

W--> 4 <110> APPLICANT: *Edit: First author should appear on first line*
W--> 5 Lok, Si
W--> 6 Sheppard, Paul O.
W--> 7 Kindsvogel, Wayne
W--> 8 Bort, Susan J.
10 <120> TITLE OF INVENTION: *delete erroneous field identifier* <120> Secretory Protein-48
12 <130> FILE REFERENCE: 98-17C1
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/955,807 *Error was not in raw file*
C--> 14 <141> CURRENT FILING DATE: 2001-09-19
14 <150> PRIOR APPLICATION NUMBER: 60/102,679
15 <151> PRIOR FILING DATE: 1998-10-01
17 <150> PRIOR APPLICATION NUMBER: 09/410,603
18 <151> PRIOR FILING DATE: 1999-10-01
20 <160> NUMBER OF SEQ ID NOS: 17
22 <170> SOFTWARE: FastSEQ for Windows Version 3.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 1692
26 <212> TYPE: DNA
27 <213> ORGANISM: Homo sapiens
29 <220> FEATURE:
30 <221> NAME/KEY: CDS
31 <222> LOCATION: (59)...(373)
33 <400> SEQUENCE: 1
34 tttttctaag ggatgagata agaataaata gaaattttgg catttcttct cacattag 58
35 atg ctg ggt tat tct gag ccc atg cca tgt gca cac cca ctt ggc ctc 106
36 Met Leu Gly Tyr Ser Glu Pro Met Pro Cys Ala His Pro Leu Gly Leu
37 1 5 10 15
39 ttc ctc tta ggc cta cac cct gcc ctt tct ttg ccc ctt gta gtt act 154
40 Phe Leu Leu Gly Leu His Pro Ala Leu Ser Leu Pro Leu Val Val Thr
41 20 25 30
43 gtg gct gga gtg atg agc gcc act ccc aag cat ggc ctg gaa caa tgt 202
44 Val Ala Gly Val Met Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys
45 35 40 45
47 cct cct gcc cct cca cca gca gtg aca gga ttc act ggg gac tcg ggg 250
48 Pro Pro Ala Pro Pro Pro Ala Val Thr Gly Phe Thr Gly Asp Ser Gly
49 50 55 60
51 gca aag gag act gtg tca caa gac aaa agg agc cag ggt cac aca tgg 298
52 Ala Lys Glu Thr Val Ser Gln Asp Lys Arg Ser Gln Gly His Thr Trp
53 65 70 75 80
55 tgt acc ctc gcc ctg cct cac cca tgg ctg aca tgg gtt gga cac ctc 346
56 Cys Thr Leu Ala Leu Pro His Pro Trp Leu Thr Trp Val Gly His Leu
57 85 90 95
59 aga aat cat gtg tct tca gcg agc cac tgagagttgg ggctttatct 393
60 Arg Asn His Val Ser Ser Ala Ser His
61 100 105
63 gttactcggc taggggtaac ctaaccgatg agactgtaac tggttactgt aaataaccaa 453
64 gctcccagta atagtaaacc agtgacaaaa acaattctta tccaaaaagg ttcacctttt 513

CE edit

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65 tttaaaatgt gtgaactaaa acagtcttta ttgctctaag acattaaaat ttgcactttt 573
66 ttgatgttga ataccactga atattttatt tttatatattt attacacaga aatacagcaa 633
67 ttattacaaa acgagtatta ggaatggcaa aggctttagg acagactatt agcggaaaac 693
68 atttggaact taaggagtgt tttacatttg gaacttactt taaggagtgt cgttcagaca 753
69 ctagctatat cttaacctca gtttttagaa gtaagcaagc tctcattttt tgctattcat 813
70 atttgaagtg attaaactca taaatttgaa atttactttt tagagaccaa agattaaaat 873
71 taggtgggat gtcagctttt aaaatatact aagatttctt acaactacca atagcttatt 933
72 tccctgggaa acagattaca ttgtagtact taaccacaga ctcattgcagt tcatccaaaa 993
73 tgatggtaaa cttttttcct cagaattacc taactttcct tgactatgaa ttcaacattc 1053
74 aagaatcttc ttctggtagc aggagcggca gagaggacag gcatggaaag gaggcctgtc 1113
75 tcccacggag aactcctcta gtgccagcag acacgcattg tggaacacat gtgagcagga 1173
76 caggaggggc atctctcttg aagggctgac cgcacccacg cactgaccgc cagcagcgga 1233
77 gagagggggc aggcatatgg agcactcctg ggtctcccg ggcagagcct gcggcacaca 1293
78 ggacaggaag aggccacgcg ggtagtttct atcacagcag aaagttaactt aaactgaaat 1353
79 gogaaccatg tgccccgaga catgggtctt cgaaacatgc ggaagtttca ttctgtgtta 1413
80 aaatcacatg cattttatatt atatatatac atatatatat atacacacac acatatactc 1473
81 tgttactcct gggaactgtg gaaaggggta gtaaccaccc tgtgataagc aacatccaac 1533
82 aggaacttcc agaatttcaa actgaaggga ctttgccgt caccctaaag cccatgagga 1593
83 aagtcctacc acaggtgcag gggcagctag ggcagcggtt accccaggcc tgacactcct 1653
84 aggtctccca aagtgagtc tgcacctccc ccgctcgag 1692

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86 <210> SEQ ID NO: 2

87 <211> LENGTH: 105

88 <212> TYPE: PRT

89 <213> ORGANISM: Homo sapiens

91 <400> SEQUENCE: 2

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92 Met Leu Gly Tyr Ser Glu Pro Met Pro Cys Ala His Pro Leu Gly Leu
93 1 5 10 15
94 Phe Leu Leu Gly Leu His Pro Ala Leu Ser Leu Pro Leu Val Val Thr
95 20 25 30
96 Val Ala Gly Val Met Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys
97 35 40 45
98 Pro Pro Ala Pro Pro Pro Ala Val Thr Gly Phe Thr Gly Asp Ser Gly
99 50 55 60
100 Ala Lys Glu Thr Val Ser Gln Asp Lys Arg Ser Gln Gly His Thr Trp
101 65 70 75 80
102 Cys Thr Leu Ala Leu Pro His Pro Trp Leu Thr Trp Val Gly His Leu
103 85 90 95
104 Arg Asn His Val Ser Ser Ala Ser His
105 100 105

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107 <210> SEQ ID NO: 3

108 <211> LENGTH: 79

109 <212> TYPE: PRT

110 <213> ORGANISM: Homo sapiens

112 <400> SEQUENCE: 3

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113 Leu Pro Leu Val Val Thr Val Ala Gly Val Met Ser Ala Thr Pro Lys
114 1 5 10 15
115 His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro Pro Ala Val Thr Gly
116 20 25 30
117 Phe Thr Gly Asp Ser Gly Ala Lys Glu Thr Val Ser Gln Asp Lys Arg

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```

118          35          40          45
119 Ser Gln Gly His Thr Trp Cys Thr Leu Ala Leu Pro His Pro Trp Leu
120          50          55          60
121 Thr Trp Val Gly His Leu Arg Asn His Val Ser Ser Ala Ser His
122 65          70          75
124 <210> SEQ ID NO: 4
125 <211> LENGTH: 77
126 <212> TYPE: PRT
127 <213> ORGANISM: Homo sapiens
129 <400> SEQUENCE: 4
130 Leu Val Val Thr Val Ala Gly Val Met Ser Ala Thr Pro Lys His Gly
131 1          5          10          15
132 Leu Glu Gln Cys Pro Pro Ala Pro Pro Pro Ala Val Thr Gly Phe Thr
133          20          25          30
134 Gly Asp Ser Gly Ala Lys Glu Thr Val Ser Gln Asp Lys Arg Ser Gln
135          35          40          45
136 Gly His Thr Trp Cys Thr Leu Ala Leu Pro His Pro Trp Leu Thr Trp
137          50          55          60
138 Val Gly His Leu Arg Asn His Val Ser Ser Ala Ser His
139 65          70          75
141 <210> SEQ ID NO: 5
142 <211> LENGTH: 65
143 <212> TYPE: PRT
144 <213> ORGANISM: Homo sapiens
146 <400> SEQUENCE: 5
147 Pro Lys His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro Pro Ala Val
148 1          5          10          15
149 Thr Gly Phe Thr Gly Asp Ser Gly Ala Lys Glu Thr Val Ser Gln Asp
150          20          25          30
151 Lys Arg Ser Gln Gly His Thr Trp Cys Thr Leu Ala Leu Pro His Pro
152          35          40          45
153 Trp Leu Thr Trp Val Gly His Leu Arg Asn His Val Ser Ser Ala Ser
154          50          55          60
155 His
156 65
158 <210> SEQ ID NO: 6
159 <211> LENGTH: 384
160 <212> TYPE: DNA
161 <213> ORGANISM: Homo sapiens
163 <220> FEATURE:
164 <221> NAME/KEY: variation
165 <222> LOCATION: (1)...(384) OK
166 <223> OTHER INFORMATION: n is any nucleotide
168 <221> NAME/KEY: misc_feature
169 <222> LOCATION: (1)...(384) OK
170 <223> OTHER INFORMATION: n = A,T,C or G
172 <400> SEQUENCE: 6
173 tttttctaag ggatgagata agaataaata gaaattttgg catttcttct cacattagat 60
174 gctgggttat tctgagccca tgccatgtgc acaccactt ggcctcttcc tcttaggcct 120

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Input Set : A:\98-17Cl.txt

Output Set: N:\CRF3\10042001\I955807.raw

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175  acaccctgcc ctttctttgc cccttgtagt tactgtggct ggagtgatga ggcgcactcc      180
176  caagcatggc ctggaacaat gtcctcctgc ccctccacca gcagtgcacag gattcactgg      240
177  ggactcgggg gcaaaggaga ctgtgtcaca agacaaaagg agccagggtc acacatggtg      300
W--> 178  ttacctcgcc ctgcctcacc catgggtgac atgggttga cacctcanaa atcntgtttc      360
W--> 179  ttcaccganc cactgaaaat tggg                                     384
181  <210> SEQ ID NO: 7
182  <211> LENGTH: 48
183  <212> TYPE: DNA
184  <213> ORGANISM: Homo sapiens
186  <400> SEQUENCE: 7
187  gtctgggttc gctactcgag gcggccgcta tttttttttt tttttttt      48
189  <210> SEQ ID NO: 8
190  <211> LENGTH: 20
191  <212> TYPE: PRT
192  <213> ORGANISM: Homo sapiens
194  <400> SEQUENCE: 8
195  Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro
196  1      5      10      15
197  Pro Ala Val Thr
198      20
200  <210> SEQ ID NO: 9
201  <211> LENGTH: 42
202  <212> TYPE: PRT
203  <213> ORGANISM: Homo sapiens
205  <400> SEQUENCE: 9
206  Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro
207  1      5      10      15
208  Pro Ala Val Thr Gly Phe Thr Gly Asp Ser Gly Ala Lys Glu Thr Val
209      20      25      30
210  Ser Gln Asp Lys Arg Ser Gln Gly His Thr
211      35      40
213  <210> SEQ ID NO: 10
214  <211> LENGTH: 65
215  <212> TYPE: PRT
216  <213> ORGANISM: Homo sapiens
218  <400> SEQUENCE: 10
219  Ser Ala Thr Pro Lys His Gly Leu Glu Gln Cys Pro Pro Ala Pro Pro
220  1      5      10      15
221  Pro Ala Val Thr Gly Phe Thr Gly Asp Ser Gly Ala Lys Glu Thr Val
222      20      25      30
223  Ser Gln Asp Lys Arg Ser Gln Gly His Thr Trp Cys Thr Leu Ala Leu
224      35      40      45
225  Pro His Pro Trp Leu Thr Trp Val Gly His Leu Arg Asn His Val Ser
226      50      55      60
227  Ser
228      65
230  <210> SEQ ID NO: 11
231  <211> LENGTH: 20
232  <212> TYPE: PRT

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```

233 <213> ORGANISM: Homo sapiens
235 <400> SEQUENCE: 11
236 Thr Gly Asp Ser Gly Ala Lys Glu Thr Val Ser Gln Asp Lys Arg Ser
237 1 5 10 15
238 Gln Gly His Thr
239 20
241 <210> SEQ ID NO: 12
242 <211> LENGTH: 43
243 <212> TYPE: PRT
244 <213> ORGANISM: Homo sapiens
246 <400> SEQUENCE: 12
247 Thr Gly Asp Ser Gly Ala Lys Glu Thr Val Ser Gln Asp Lys Arg Ser
248 1 5 10 15
249 Gln Gly His Thr Trp Cys Thr Leu Ala Leu Pro His Pro Trp Leu Thr
250 20 25 30
251 Trp Val Gly His Leu Arg Asn His Val Ser Ser
252 35 40
254 <210> SEQ ID NO: 13
255 <211> LENGTH: 12001
256 <212> TYPE: DNA
257 <213> ORGANISM: Homo sapiens
259 <220> FEATURE:
260 <221> NAME/KEY: CDS
261 <222> LOCATION: (10258)...(10572)
263 <400> SEQUENCE: 13
264 actttgtgca aaattccttc attaacgctt agcttcctta tctgtaatac agtgatagta 60
265 tcatcttcct gttagggttt ttgtgaagat caacggaaat aattctgtaa gaccttagc 120
266 atagcgcttg gcacatccta agaactcagt aaatatttagc ccctttatta tgacgatggt 180
267 ggtcatggtg gtggtgagga tgatacgggtg tgaaaagctt atctcttggt aataatacct 240
268 tttagttaaa gcttttttga ggcttggatt ttgcaagtat taggctaacc cataagtctc 300
269 ttcattaagc cagagaataa attcaagatg aaaacgttag cattcttggc attgatgtaa 360
270 tagaagagag gggatttact gttatgtgtt ccaagagtca catgtattgt aatgggtgta 420
271 aaaacgggta ggttttagcta aagggtacaa acgtaaccta tgaatgtatt tttatgctta 480
272 tttccacatt agtgctaaac atatttcaag ttttatactt taaaaatacc aggacaaagt 540
273 aaattatctt ggtttggggg gggagggggg tgtaatttta tgacagaaga agggaaaggc 600
274 agtgacttct tgtagaaaat ttttaaaaat cctgacatta gctcatttac ctgagttgac 660
275 atgatttgaa tgcatatgac tccatactgg ggcttttagc tattgtaaaa ggccacatac 720
276 tgatggattc attaaggtcc agttttcaga taacttaaac gatatgagca gcaataaagc 780
277 ttctcagatc accaggcctt tccaaccttg atgtttgaga gggtgacctt tgggaggcac 840
278 aaaagatttc agatgagctg tccatatgta ttttactttg aatatgccct gggaggggat 900
279 ggctcatcaa atattgcaat gcctgacagg aaaaagtcac agctcatttc agctgacaca 960
280 ccagataact tatacctttt aatgcttagg ttttaataaag ctggcccaac ttgaagtagg 1020
281 aatcaaacag tcctttttat cagatgtcta gcattaaaac ttaattttta agcctgttat 1080
282 aatatcagca agattagtta gccatggttt cagataaatt tccactttcc attcgctaaa 1140
283 tgagatgggt gcaaatgaac tgccgtaact ttagcttttg aattaggtat tctggacatc 1200
284 attttgctaa gaaagccttt attaaagtaa taaaacataa cctgatataa aaggccttat 1260
285 atgcatgtca gttccttgac cataagagag agtagaatta gcaagagttg tataaaacta 1320
286 cctaatagat acatttactt ttcttcccca gtgtttttca gtattctttg ggggtgtgcta 1380
287 cggggcaatt tatacataga aaaagagtct tattaagtat atgtaatggt tgaatgatct 1440

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/955,807

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Input Set : A:\98-17C1.txt

Output Set: N:\CRF3\10042001\I955807.raw

L:4 M:201 W: Mandatory field data missing, APPLICANT NAME

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6